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Japanese English Patent Abstract (JAPIO)
September 9, 2007

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File 347:JAPIO Dec 1976-2007/Mar(Updated 070809)
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? s pn=2006026344
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DIALOG(R)File 347:JAPIO

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08632984 **Image available**

STRETCHING LEG TYPE MOVABLE SHEATH FOR INSERTION OF LARGE
INTESTINE
ENDOSCOPE

PUB. NO.: 2006-026344 [JP 2006026344 A]

PUBLISHED: February 02, 2006 (20060202)

INVENTOR(s): HAYAKAWA TOSHIKUMI

APPLICANT(s): HAYAKAWA TOSHIKUMI

APPL. NO.: 2004-232821 [JP 2004232821]

FILED: July 12, 2004 (20040712)

International Patent Class (v8 + Attributes)

IPC + Level Value Position Status Version Action Source Office:

A61B-0001/00 A I F B 20060101 20060106 H JP

ABSTRACT

PROBLEM TO BE SOLVED: To facilitate the insertion of a large intestine endoscope, and to enable the insertion of the large intestine endoscope to the intestinum ileum and the coelenteron.

SOLUTION: A hollow sheath 1 for which the inside of a sheath for a large intestine endoscope is made hollow is connected with an injection tube 3, and around the hollow sheath 1, a stretching leg 2 which can be stretched/contracted by an air pressure, or the pressure of a liquid such as an oil being fed from the injection tube is attached. The stretching/contraction of the stretching leg enables the movement of the sheath itself through which a large intestine endoscope fiber is passed deeper more and more. A ring-like stopper is provided on the distal end of the large intestine endoscope fiber, and the sheath is prevented from moving forward of the distal end of the large intestine endoscope fiber. Thus, the large intestine endoscope fiber itself can be advanced together to facilitate insertion of the large intestine endoscope, and the insertion to the intestinum ileum and the coelenteron is made possible by this stretching leg type movable sheath for the insertion of the large intestine endoscope. Also, by connecting the same sheaths by the injection tube, the driving force for the advancing can be increased, and sanitation can be kept by a structure for which the inside is shut off from outside.

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